

I CLAIM:

1. An integral formation of a water conduit connector for sports water bag, which includes integrally combining a connecting base having a threaded section to the end of a water hose; the connecting base is
5 formed by injected hard plastic material such that the water hose can be inserted into the hollow interior of the connecting base.
2. An integral formation of a water conduit connector for sports water bag, including the following steps:
 - 1) manufacturing molds, which comprises a hole allowing the core
10 mold to go inside, a sprue, positioning holes, and top rejecting holes going through to the mold cave, inside of which is provided with threaded grooves and pipe neck portions;
 - 2) disposing and positioning the water hose in the cave formed by the molds;
 - 15 3) closing the molds and inserting positioning pins through the positioning holes into the molds for holding the head of the conduit (hose), which is fastened by way of the clamp of molds on the pipe neck of the hose; a mobile core mold is subsequently inserted from the inlet into the molds, such that the core mold
20 will stretch an appropriate distance into the hose to serve as a

padding for the interior wall of the hose;

- 4) injecting liquid hard plastic material from the sprue into the cave of the molds, such that a threaded connecting base can be integrally formed at the end of the hose;
 - 5) detaching the molds by way of inserting a pin from the top rejecting holes and separating the hose integrally formed with the threaded connecting base from the molds; and
 - 6) blowing high pressure air from the free end of the hose to force the core mold detaching from the interior wall of the hose, accordingly a firmly connected, integrally formed hose with a threaded connecting base is completed.
3. The integral formation of a water conduit connector for sports water bag according to Claim 2, wherein in view of the clamp of the molds, no space exists in-between the pipe neck of the hose and the molds.
 4. The integral formation of a water conduit connector for sports water bag according to Claim 2, wherein a stepped surface is provided on the top of the threaded grooves of at least one mold.
 5. The integral formation of a water conduit connector for sports water bag according to Claim 2, wherein the top rejecting holes going through to the cave of the molds includes those for the threaded

connecting base and for the conduit (hose).